

Department of Homeland Security  
Customs and Border Protection  
Statement of Work  
PR 20049414

**1.0 General:** The objective of this SOW is to engineer, remove, repair, furnish, install, test and align new DLP rear-projection monitors to upgrade the existing DLP light Engines installed in the radio room of the Laredo Sector Border Patrol HQ. This is a turn-key installation wherein the Contractor shall provide all personnel, equipment, materials, supplies, travel, and transport necessary to accomplish the tasks described unless stated otherwise. The contractor shall be required to minimize radio room interruption and perform the installation in phases with no more than two projectors off-line at a time. The government will consider alternative economically viable product and /or solutions which capitalize on existing government investment.

**2.0 BACKGROUND**

The Laredo Sector Headquarters is requesting a Light Engine Upgrade of the existing video wall installed and commissioned 5 years ago. The current display is constructed of 14 ea 50" Christie DLP, NTSC, Cube-shaped, rear Projection monitors and Christie model number CX50-100U cube model 38-GFX001-01. These monitors are placed side-by-side, 7-cubes wide by 2-cubes tall and mounted on a special roll-away chassis that allows the entire wall to be rolled out in one piece for maintenance. The current CX-50 projectors have reached the end of their life-cycle and are no longer in production. The unavailability of replacement parts means we could experience extended downtime should one or more light engine fail. To prevent this we are seeking an upgrade path that will allow us to perform a light engine swap and reuse the existing roll-away chassis and all 14 video monitor cubes. Further, we require that the existing DVI video, RGB-5 connections, and HTML wall configuration control software will be re-used. CBP OIT Field Support has completed a preliminary evaluation of the available light engines and has found that the Christie model 102-021104-01 light engine meets our requirements for compatibility. However, the cube housing will require a modification due to longer throw-length of the new light engine. To correct for this and allow sharp focus a spacer will be required between the projection screen and the cube chassis. The specifications, details and pictures of the items requested follow the SOW.

**3.0 SCOPE OF WORK**

**3.1 Contract Type**

Firm-fixed price

**3.2 Period of Performance**

Delivery shall be made within 60 days or less after receipt of order (ARO)

**3.3 Delivery schedule**

Delivery is limited to Monday through Friday from 8:00 am – 5:00 pm excluding federal holidays.

**3.4 Delivery Location**

Equipment and supplies required for the video wall upgrade will be delivered to the following location. Further, this will be the collection point for all work order residue and excess scrap material.

Logistics Department  
U.S. Border Patrol  
7503 San Dario Ave., Ste A  
Laredo, TX 78045

3.5 Place of Performance

Work is to be performed on-site in the KAK940 Radio Room located within Laredo Sector Head Quarters

US Border Patrol Laredo Sector HQ  
207 West Del Mar Blvd  
Laredo TX 78041

3.6 Hours of Work

The vendor will provide coverage at the specified government site during the normal working hours (8:00A – 4:30P). Requests for changes must be approved by the COTR. Approval does not constitute approval for extended/overtime compensation.

3.7 Duration of Task.

The desired start date is 20-days after award and the desired end date will be 30-days after start date.

**4.0 Security Procedures**

4.0 Controls

The Contractor shall comply with the Bureau of Customs and Border Protection (CBP) administrative, physical and technical security controls to ensure that the Government's security requirements are met.

Identification Badges

All Contractor employees shall be required to wear identification badges and/or orange vest as applicable when working in Government facilities. These items will be provided by CBP, U.S. Border Patrol personnel. Contractors and its employees will be required to report to the Laredo Sector Headquarters, 207 W. Del Mar Blvd., Laredo, TX to obtain an ID and sign in on a daily basis. Contractors and employees are to return the IDs by COB each day no later than 4:30 p.m.

Security Background Data

A Contractor employee shall not begin working under the contract until the entire Background Check is completed with approval from U.S. Border Patrol Assistant Chief Patrol Agent in charge. Exceptions to this requirement will be handled on a case-by-case basis, and access to facilities, systems, data, etc. will be limited until the individual is cleared. Contractor employee personnel hired to work within the United States or its territories and possessions that require access to CBP facilities, information systems, security items and products, and/or sensitive but unclassified information shall either be U.S. citizens or have lawful permanent resident status.

The following security screening requirements apply to both U. S. citizens and lawful permanent residents who are hired as Contractor personnel. All personnel employed by the Contractor or responsible to the Contractor for the performance of work hereunder shall be able to favorably pass a Background Check. The Contractor shall submit within ten (10) working days after award of this contract copies of employee's Drivers License (s), Social Security numbers, Birth Certificate and/or I-551 (Resident Alien Card). The copies must be emailed to Security Specialist, Jorge D. Caro @ [Jorge.caro@dhs.gov](mailto:Jorge.caro@dhs.gov) or Contract Specialist, Lety Ramos @ [Lety.Ramos@dhs.gov](mailto:Lety.Ramos@dhs.gov).

Failure of any Contractor personnel to pass a Background Check means that the Contractor has failed to satisfy the contract's requirement to provide cleared personnel. The continuing failure to meet the requirement to provide cleared personnel is grounds for termination of the contract, unless cleared personnel are timely provided as replacements. The Contractor must provide a qualified replacement capable of passing a Background Check. This policy also applies to any personnel hired as replacements during the term of the contract. The Contracting Officer must approve all personnel replacements.

#### Notification of Personnel Changes

The Contractor shall notify the Contracting Officer via phone, FAX, or electronic transmission, no later than one work day after any personnel changes occur. Written confirmation is required for phone notification. This includes, but is not limited to, name changes, resignations, terminations, and reassignments (i.e., to another contract).

## 5.0 **TASKS**

### 5.1 **Tasks**

The vendor shall remove the obsolete light engines from the existing video wall and replace with the DLP Projector Model # 102-021104-01m romx-d132U.

- 5.2 The vendor will work on one vertical column at a time. There are seven vertical columns, each with two cubes. For each vertical column, vendor will deinstall the existing video engine and deliver it to Laredo Sector Supply Specialists for disposal as excess electronic scrap. The vendor will provide and install new video engines and required Retrofit Upgrade/adaptor kit in each cube shell.
- 5.3 Vendor will reutilize existing cube shells, screens, wiring, and all other aspects of existing system.
- 5.4 After all fourteen new engines have been installed, the vendor will align and color balance the entire two high by seven wide array. After the vendor has aligned and color balanced the wall, a certified Christie Digital factory engineer will certify the installation, and make any necessary final adjustments to the video wall.

## 6.0 **DELIVERABLES**

### 6.1 **Deliverables**

15 ea RPMX-D132U, 1 Chip XGA (1024x768) DLP projector, 120W, 0.69:1 lens. 14 for installation and one spare

14 ea TWG01 Retrofit Upgrade/Adapter Kit, includes adapter plate and spacers  
4 ea Spare Lamps for RPMX-D132U

6.2 Documentation

Equipment Serial Number Lists  
Control System Programming code  
Operating instructions  
Equipment manuals

6.3 Training

Vendor will train OIT and radio room personnel in the proper setup and operation of the system.

6.4 The vendor shall provide copy of one year warranty of items procured. Warranty should be in writing and should include any conditions which may invalidate the warranty. Warranty should include procedures on how agency can exercise warranty rights. Provide points of contact if different from vendor in order to get the services required. Warranty must be all inclusive of parts, labor, and materials; related coverage and additional costs, if any.

6.5 Vendor must provide copy refund, exchange, and/or return policy for items procured. Policy should include conditions for exchange and/or refund if the item is damaged, defective, and inoperable or if the operational needs cease to exist after award is made. This is to include period of time in which the agency can perform the exchange, refund and/or return.

6.6 Items should be of the quality and grade identified in specifications document. Substandard material will not be acceptable. Will not accept refurbished, used or recycled items. All items must be new.

6.7 Vendor must inform agency if it is unable to deliver items within the specified timeframe before the contract is awarded. Items being requested are required in a timely manner in order to satisfy an operational need.

6.8 Vendor must contact the points of contact identified above in order to schedule and coordinate delivery. This will ensure that special delivery instructions are satisfied prior to delivery

**7.0 GENERAL INFORMATION**

7.1 Disclosure of Information

Any information made available to the vendor by the government or its customers shall be used only for the purpose of carrying out the provisions of this contract. This information shall not be divulged or made known in any manner to any persons except as may be necessary in the performance of the contract.

In the performance of this contract, the vendor assumes responsibility for the protection of the confidentiality of government records.

The vendor will adhere to the requirements found in Part 24 of the Federal Acquisition Regulation, Protection of Privacy and Freedom of Information.

7.2 Technical Contact

All Contract administration matters will be handled by Leticia Ramos, Contract Specialist

7.3 Government Furnished Property

CBP is not required to furnish any items.

7.4 Contractor Furnished Items

The contractor shall provide necessary equipment for delivery and unloading.

7.5 Procedures for Payment

Contract will be executed via Purchase Order or Delivery Order and payment will be made within 30 days after inspection and acceptance of equipment/products by Government and receipt of a proper original invoice.

**8.0 Specifications for projection module are attached.**

8.1 Specifications:

Please see attached documents for specs.

